CODE GENERATION
for UML & SysML

EMBEDDED ENGINEER®

Low Code Platform for Embedded Systems

LieberLieber is a specialist for the automated creation of optimized, minimal code for embedded systems solutions.

by LieberLieber Software
Generate Code
from UML & SysML and benefit from total traceability

EMBEDDED ENGINEER® HIGHLIGHTS

✔️ C & C++ Code Generation
  UML & SysML Code
  Generation, specifically for embedded development

✔️ Code generation adaption
  Coding-guidelines-compliant source code with adaption of the code generator

✔️ Misra Compliant
  Generate ANSI C (Misra-Compliant) and C++ source code, User Code Synchronization, ready for real-time safety critical systems

✔️ Requirements Tracing
  Link requirements in the model and find them right away in the generated source code

✔️ Debugging on target systems
  Debugging incl. breakpoints on the model level for UML

✔️ User Code Sync
  Integrate the generated code seamlessly with your existing source code

BENEFITS

MODEL-BASED DEVELOPMENT
Activity models, state machines, interface definitions, component-oriented design, easily extendable

CODE-CENTRIC DEVELOPMENT
IDE projects, hand-written code

MODELING PLATFORMS

ENTERPRISE
ARCHITECT

magicsdraw
Architecture Made Simple

cameo systems modeler

eclipse
INSIGHTS

Full tractability from requirements to code

SERVICES

Code Generator
Adaptation

Embedded Engineer can be used as extension for Enterprise Architect as well as for other modeling tools. To best incorporate Embedded Engineer into your day-to-day work, we’ll configure the tool according to your coding guidelines or other requirements. If necessary, we may even extend its range of functionalities.

Support

Our Support Team is ready to help you work with Embedded Engineer as comfortably as possible. We will incorporate your experience gained from using Embedded Engineer to continually improve its functionality and effectiveness. Don’t hesitate to contact us, we’ll find the right solution for you!

Training

We have training specialists with years of project knowledge standing by to ensure you receive the greatest benefit possible when using your system. Ask us for a Webinar or an in-house training to freshen up your skills!

Request your trial version!

www.lieberlieber.com/embedded-engineer/

Daniel Siegl, CEO
Hirschmann Car Communication

If we want to maintain our lead, we must also continuously optimize our tools. We want to live quality in all areas and the Embedded Engineer supports us in an excellent way!

Hilti Power Tools

It soon became clear that Lieber-Lieber’s approach was very practical and promising for us. The internal learning effort was limited. After this time, our developers were already able to model and generate executable code on their own, which surprised us very positively.